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PTO/SB/08A (08-00)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/779,389
Filing Date	February 7, 2001
First Named Inventor	McGall, et al.
Group Art Unit	1632/1639
Examiner Name	Barba M. Koroma, PhD
Attorney Docket Number	18547-040820US

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ML	1	5,143,854		Pitung et al.	9/1/92	
	2	5,242,979		Barnum et al.	8/7/93	
	3	5,252,743		Barrett et al.	10/12/93	
	4	5,288,514		Elman	2/22/94	
	5	5,324,693		Fodor et al.	8/28/94	
	6	5,324,683		Lowe	8/28/94	
	7	5,384,281		Winkler et al.	1/24/95	
	8	5,405,783		Pimung et al.	4/11/95	
	9	5,412,087		McGall et al.	5/2/95	
	10	5,424,188		Fodor et al.	8/13/95	
	11	5,445,934		Fodor et al.	8/28/95	
	12	5,451,883		Barrett et al.	9/19/95	
	13	5,482,867		Barrett et al.	1/9/96	
	14	5,489,878		Fodor et al.	2/6/96	
	15	5,491,074		Aldwin et al.	2/13/96	
	16	5,510,270		Fodor et al.	4/23/96	
	17	5,527,881		Holmes	8/18/96	
	18	5,545,531		Rava et al.	8/13/96	
	19	5,547,839		Dower et al.	8/20/96	
	20	5,550,215		Holmes	8/27/96	
	21	5,556,752		Lockhart et al.	9/17/96	
	22	5,571,839		Hubbell et al.	11/5/96	
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	25	5,599,695		Pease et al.	2/4/97	
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	27	5,631,734		Stam et al.	5/20/97	
	28	5,658,734		Brock, et al.	8/19/97	
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	41	6,045,996		Cronin et al.	4/4/00	

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 3

Complete If Known

Application Number	09/779,389
Filing Date	February 7, 2001
First Named Inventor	McGall, et al.
Group Art Unit	1632 1639
Examiner Name	Barba M. Koroma, PhD.
Attorney Docket Number	18547-040820US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patented or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office	Number ⁴	Kind Code ⁵ (if known)				
MC	42	PCT	WO 92/10183		Hill	6/26/92		<input type="checkbox"/>
	43	PCT	WO 99/00730		Tremblay et al	1/7/99		<input type="checkbox"/>
	44	PCT	WO 93/04145		Inoue et al.	3/4/93		<input type="checkbox"/>
	45	PCT	WO 97/10365		Lockhart et al.	3/20/97		<input type="checkbox"/>
	46	PCT	WO 92/10092		Fodor et al.	6/25/92		<input type="checkbox"/>
	47	PCT	WO 94/10128		Holmes et al.	5/11/94		<input type="checkbox"/>
	48	PCT	WO 00/61282		Glazer et al.	10/19/00		<input type="checkbox"/>
	49	PCT	WO 00/21967		McGall et al.	04/20/00		
	50	PCT	WO 00/06771		McGall et al.	02/10/00		
	51	PCT	WO 99/54509		McGall et al.	10/28/99		
	52	PCT	WO 99/40105		Goldberg et al.	02/12/99		
	53	PCT	WO 98/39348		McGall et al.	09/11/98		
	54	PCT	WO 98/20967		Beecher et al.	05/22/98		
	55	PCT	WO 97/39151		Goldberg et al.	10/23/97		
	56	PCT	WO 97/43450		Cronin et al.	11/20/97		
	57	PCT	WO 97/27317		Lockhart et al.	07/31/97		
	58	PCT	EP 742287		McGall et al.	11/13/96		
	59	PCT	EP 7288520		Pease et al.	08/28/96		
	60	EPO	EP 549107		Western et al.	12/29/97		
	61	EPO	967217 A2		McGall et al.	12/29/99		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS


Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MA	62	MCGALL et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates" <i>Journal of the American Chemical Society</i> , 1997, Pages 5081-5090, Vol. 119, No. 22	<input type="checkbox"/>
	63	LOCKHART et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays" <i>Nature Biotechnology</i> , 1996, Pages 1675-1680, Vol. 14	<input type="checkbox"/>
	64	SAIZIEU et al., "Bacterial transcript imaging by hybridization of total RNA to oligonucleotide arrays" <i>Nature Biotechnology</i> , 1998, Pages 45-48, Vol. 16	<input type="checkbox"/>
	65	CHEE et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> , 1996, Pages 610-614, Vol. 274	

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
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
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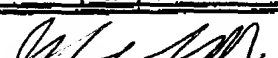
Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/779,389
		Filing Date	February 7, 2001
		First Named Inventor	McGall, et al.
		Group Art Unit	1832 1639
		Examiner Name	Barba M. Koroma, PhD
		Attorney Docket Number	18547-040820US
Sheet	3	of	3

	66	McGALL et al., "High-density oligonucleotide probe arrays" <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> , 2000, Pages 106-110, Vol. 3926 (Advances in Nucleic Acid and Protein Analyses, Manipulation, and Sequencing)	
	67	WALLRAFF et al., "Lithographic techniques for the fabrication of oligonucleotide arrays" <i>J. Photopolym. Sci. Technol.</i> , 2000, Pages 551-558, Vol. 13	
	68	GLAZER et al., "High Surface Area Substrates for DNA Arrays" <i>Mat. Res. Soc. Symp. Proc.</i> , 1999, Pages 371-6, Vol. 576	
	69	FIDANZA et al., "High-Density Nucleoside Analog Probe Arrays for Enhanced Hybridization" <i>Nucleosides and Nucleotides</i> , 1999, Pages 1293-1295, Vol. 18	
	70	HACIA et al., "Enhanced High Density Oligonucleotide Array Based Sequence Analysis using Modified Nucleotide Triphosphates" <i>Nucleic Acids Res.</i> , 1998, Pages 4975-4982, Vol. 26	
	71	PIRRUNG et al., "Proofing of Photolithographic DNA synthesis with 3', 5' - dimethoxybenzoinyloxycarbonyl-protected deoxy-nucleoside phosphoramidites" <i>J. Org. Chem.</i> , 1998, Pages 241-246, Vol. 63	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 

Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/779,389
		Filing Date	February 7, 2001
		First Named Inventor	McGall, et al.
		Group Art Unit	1632
		Examiner Name	Barba M. Koroma, PhD
		Attorney Docket Number	18547-040820US
Sheet	4	of	4

Examiner Signature		Date Considered	6/7/04
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